

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 00/35160

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F17/60 H04L12/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L G06F
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
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EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94 06230 A (OCTUS INC) 17 March 1994 (1994-03-17) abstract; figures 10A,10B page 3, line 30 -page 4, line 23	1
X	WO 97 22055 A (BANYAN SYSTEMS INC) 19 June 1997 (1997-06-19) abstract; figure 3 page 4, line 9 -page 5, line 11	1
A	US 4 837 798 A (OSTERWEIL JANIS R. ET AL) 6 June 1989 (1989-06-06) abstract; figures 1,3 column 1, line 40 -column 2, line 5	1 -/-

<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/> Patent family members are listed in annex.
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* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
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4 April 2003	11/04/2003
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 91 01608 A (XPEDITE SYSTEMS INC) 7 February 1991 (1991-02-07) abstract page 4, line 7 - line 18 ----- A WO 99 45691 A (WEBLEY SYSTEMS INC) 10 September 1999 (1999-09-10) abstract; figures 3,5A,5B,6 -----	1 1
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Information on patent family members

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